

ABSTRACT OF THE DISCLOSURE

A fluid spray apparatus with a controlled supply of pressurized fluid delivered through a network of tubes to a spray head having a plurality of stop flow valves and nozzles that will automatically shut off the flow of fluid out of the nozzles when the pressure of the fluid drops below a threshold level. The spray head preferably has a central chamber that is open to the stop flow valves and dampens any fluctuations in pressure and volume of fluid from the source of pressurized fluid. The nozzle is preferably mounted to the stop flow valve. The stop flow valve has a biased valve head that engages a seat until the pressure exerted on the valve head by the fluid exceeds a threshold level and the valve opens. One embodiment has a quick connect coupling with a base, seal and collar that will allow spray heads of various numbers of nozzles to be quickly exchanged. Another embodiment is adapted to couple with a conventional paint spray compressor and gun.